

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJLK1617

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JUL 28	CA/CAplus patent coverage enhanced
NEWS 3	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS 4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 5	JUL 28	STN Viewer performance improved
NEWS 6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS 7	AUG 13	CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS 9	AUG 15	CAplus currency for Korean patents enhanced
NEWS 10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS 12	SEP 25	CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS 13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced
NEWS 14	SEP 29	IFICLS enhanced with new super search field
NEWS 15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS 16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS 17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS 18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS 19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS 20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS 21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 18:15:37 ON 30 OCT 2008

```
=> FILE RN
'RN' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HOME'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.
```

FILE 'REGISTRY' ENTERED AT 18:16:44 ON 30 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqen/stndoc/properties.html>

```
=> E ectoine/CN
E1      1      ECTOIN/CN
E2      1      ECTOIN SYNTHASE/CN
E3      1  --> ECTOINE/CN
E4      1      ECTOINE HYDROXYLASE (BORDETELLA AVIUM STRAIN 197N GENE THPD)
                  /CN
E5      1      ECTOINE HYDROXYLASE (CHROMOHALOBACTER SALEXIGENS STRAIN DSM
                  3043 GENE ECTD) /CN
E6      1      ECTOINE HYDROXYLASE (ECTD) (BRADYRHIZOBIUM STRAIN BTAI1) /CN
E7      1      ECTOINE HYDROXYLASE (ECTD) (BRADYRHIZOBIUM STRAIN ORS278) /CN
E8      1      ECTOINE HYDROXYLASE (HYPHOMONAS NEPTUNIUM STRAIN ATCC 15444)
                  /CN
E9      1      ECTOINE HYDROXYLASE (NOCARDIA FARCIINICA STRAIN IFM 10152 GEN
```

E10 1 E ECTD) /CN
ECTOINE HYDROXYLASE (SACCHAROPOLYSPORA ERYTHRAEA STRAIN NRRL
2338 GENE ECTD) /CN
E11 1 ECTOINE SYNTHASE/CN
E12 1 ECTOINE SYNTHASE (ALCANIVORAX BORKUMENSIS STRAIN SK2 GENE EC
TC) /CN

=> S E3

L1 1 ECTOINE/CN

=> D L1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 96702-03-3 REGISTRY
ED Entered STN: 09 Jun 1985
CN 4-Pyrimidinecarboxylic acid, 3,4,5,6-tetrahydro-2-methyl-, (4S)- (CA
INDEX NAME)

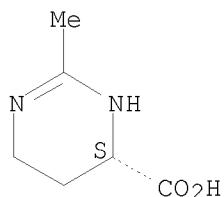
OTHER CA INDEX NAMES:

CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-2-methyl-, (4S)- (9CI)
CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-2-methyl-, (S)-

OTHER NAMES:

CN Ectoin
CN Ectoine
CN NSC 614616
CN Pyrostatin B
CN Pyrostatine B
CN RonaCare
FS STEREOSEARCH
DR 162763-51-1, 134522-10-4
MF C6 H10 N2 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT,
CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE, IPA, MEDLINE, NAPRALERT, PROMT,
TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

297 REFERENCES IN FILE CA (1907 TO DATE)
19 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
297 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> SEL CHEM L1

E1 THROUGH E9 ASSIGNED

=> E hydroxyectoine/CN

E1 1 HYDROXYECHINOFURAN B/CN
E2 1 HYDROXYECTOIN/CN

E3 0 --> HYDROXYECTOINE/CN
E4 1 HYDROXYEICOSATETRAENOIC ACID/CN
E5 1 HYDROXYELGENOL/CN
E6 1 HYDROXYELTENAC/CN
E7 1 HYDROXYEMODIN/CN
E8 2 HYDROXYEPHEDRINE/CN
E9 1 HYDROXYEPOXYCOLLININ I/CN
E10 1 HYDROXYEPOXYCOLLININ II/CN
E11 1 HYDROXYEREMOPHILONE/CN
E12 1 HYDROXYERGOTAMINE/CN

=> S E2
L2 1 HYDROXYECTOIN/CN

=> D L2 1 FCN

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-5-hydroxy-2-methyl-,
(4S,5S)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-5-hydroxy-2-methyl-,
[S-(R*,R*)]-

OTHER NAMES:

CN (S,S)- β -Hydroxyectoine

CN (S,S)-1,4,5,6-tetrahydro-5-hydroxy-2-methyl-4-pyrimidinecarboxylic acid

CN β -Hydroxyectoine

CN Hydroxyectoin

CN Pyrostatin A

CN Pyrostatine A

=> SEL CHEM L2

E1 THROUGH E8 ASSIGNED

=> E firoin/CN

E1 1 FIRMTEX/CN
E2 1 FIROCOXIB/CN
E3 1 --> FIROIN/CN
E4 1 FIROIN A/CN
E5 1 FIROLAN/CN
E6 1 FIRON/CN
E7 1 FIROTEX/CN
E8 1 FIRPIC/CN
E9 1 FIRST CARMINE 1480/CN
E10 1 FIRST MANNOSYL TRANSFERASE (WBAZ-1) (ARCHAEOGLOBUS FULGIDUS
GENE AF0043)/CN
E11 1 FIRST MANNOSYL TRANSFERASE (WBAZ-2) (ARCHAEOGLOBUS FULGIDUS
GENE AF0606)/CN
E12 1 FIRST MANNOSYL TRANSFERASE, WBAZ (BURKHOLDERIA XENOVORANS ST
RAIN LB400)/CN

=> S E3
L3 1 FIROIN/CN

=> D L3 1 FCN

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
CN Propanoic acid, 3-hydroxy-2-(β -D-mannopyranosyloxy)-, (2R)- (CA
INDEX NAME)

OTHER CA INDEX NAMES:

CN Propanoic acid, 3-hydroxy-2-(β -D-mannopyranosyloxy)-, (R)-

OTHER NAMES:

CN Firoin

=> SEL CHEM L3

E1 THROUGH E2 ASSIGNED

=> E Firoin-A diglycerol phosphate/CN

E1 1 FIROIN/CN
E2 1 FIROIN A/CN
E3 0 --> FIROIN-A DIGLYCEROL PHOSPHATE/CN
E4 1 FIROLAN/CN
E5 1 FIRON/CN
E6 1 FIROTEX/CN
E7 1 FIRPIC/CN
E8 1 FIRST CARMINE 1480/CN
E9 1 FIRST MANNOSYL TRANSFERASE (WBAZ-1) (ARCHAEOGLOBUS FULGIDUS GENE AF0043)/CN
E10 1 FIRST MANNOSYL TRANSFERASE (WBAZ-2) (ARCHAEOGLOBUS FULGIDUS GENE AF0606)/CN
E11 1 FIRST MANNOSYL TRANSFERASE, WBAZ (BURKHOLDERIA XENOVORANS ST RAIN LB400)/CN
E12 1 FIRST MANNOSYL TRANSFERASE, O- ANTIGEN BIOSYNTHESIS (BURKHOLD ERIA XENOVORANS STRAIN LB400)/CN

=> S E2

L4 1 "FIROIN A"/CN

=> D L4 1 FCN

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

CN Propanamide, 3-hydroxy-2-(α -D-mannopyranosyloxy)-, (2R)- (CA INDEX NAME)

OTHER NAMES:

CN Firoin A

=> E cyclic diphosphoglycerate/CN

E1 1 CYCLIC DIPEPTIDE-FORMING ENZYME (STREPTOMYCES NOURSEI STRAIN ATCC11455 GENE ALBC)/CN
E2 1 CYCLIC DIPHENYLVINYLENE CARBONATE/CN
E3 0 --> CYCLIC DIPHOSPHOGLYCERATE/CN
E4 1 CYCLIC DITELLUROMETHANE/CN
E5 1 CYCLIC DL-1,2-DIMETHYLETHYLENE P-NITROPHENYL PHOSPHATE/CN
E6 1 CYCLIC DL-1,3-DIMETHYLTRIMETHYLENE P-NITROPHENYL PHOSPHATE/CN
E7 1 CYCLIC DTPA ANHYDRIDE/CN
E8 1 CYCLIC ERYTHRITOL DICARBONATE/CN
E9 1 CYCLIC ESTER WITH BIS(2-SULFO-1,1-DIMETHYLETHYL) PEROXIDE/CN
E10 1 CYCLIC ETHYLENE (DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE/CN
E11 1 CYCLIC ETHYLENE A-ETHYLBENZYL PHOSPHATE/CN
E12 1 CYCLIC ETHYLENE 2-NAPHTHYL PHOSPHATE/CN

=> S myo-insitol phosphate/CN

L5 0 MYO-INSITOL PHOSPHATE/CN

=> E myo-inositol phosphate/CN

E1 1 MYO-INOSITOL PENTAPHOSPHATE PENTAPOTASSIUM SALT/CN
E2 1 MYO-INOSITOL PHOSPHATASE/CN
E3 0 --> MYO-INOSITOL PHOSPHATE/CN
E4 1 MYO-INOSITOL PHOSPHATE SYNTHASE (SACCHAROPOLYSPORA ERYTHRAEA STRAIN NRRL 2338)/CN

E5 1 MYO-INOSITOL PHOSPHATE SYNTHASE (STREPTOMYCES AMBOFACIENS AT
CC 23877 STRAIN ATCC 23877) /CN
E6 2 MYO-INOSITOL PHOSPHATE SYNTHASE (STREPTOMYCES AMBOFACIENS ST
RAIN ATCC 23877) /CN
E7 2 MYO-INOSITOL PHOSPHATE SYNTHASE (STREPTOMYCES AMBOFACIENS ST
RAIN DSM40697) /CN
E8 1 MYO-INOSITOL PHOSPHATE SYNTHASE (STREPTOMYCES COELICOLOR STR
AIN A3(2) GENE SCE29.12C) /CN
E9 1 MYO-INOSITOL PHOSPHATE, CYCLOHEXYLAMINE SALT/CN
E10 1 MYO-INOSITOL TETRAPHOSPHATE/CN
E11 1 MYO-INOSITOL TRANSPORTER (ARABIDOPSIS THALIANA STRAIN COLUMB
IA GENE INT1 (INOSITOL TRANSPORTER 1)) /CN
E12 3 MYO-INOSITOL TRANSPORTER (CRYPTOCOCCUS NEOFORMANS NEOFORMANS
STRAIN JEC21) /CN

=> E 1,3-dimannosyl myo-inositol phosphate/CN

E1 1 1,3-DIMALEIMIDOBENZENE-ETHYLENE COPOLYMER/CN
E2 1 1,3-DIMALEIMIDOBENZENE-ETHYLENE-PROPENE COPOLYMER/CN
E3 0 --> 1,3-DIMANNOSYL MYO-INOSITOL PHOSPHATE/CN
E4 1 1,3-DIMERCAPTO-2-(N,N-DIMETHYLAMINO) PROPANE/CN
E5 1 1,3-DIMERCAPTO-2-AMINOPROPANE/CN
E6 1 1,3-DIMERCAPTO-2-METHYLENEPROPANE/CN
E7 1 1,3-DIMERCAPTO-2-PROPANOL/CN
E8 1 1,3-DIMERCAPTO-2-PROPANONE/CN
E9 1 1,3-DIMERCAPTO-2-PROPYL P-TOLYL ETHER/CN
E10 1 1,3-DIMERCAPTO-2-PROPYL P-TOLYL SULFIDE/CN
E11 1 1,3-DIMERCAPTO-2-PROPYL PHENYL ETHER/CN
E12 1 1,3-DIMERCAPTO-4,6-DIAMINOBENZENE DIHYDROCHLORIDE-1,3-DIMERC
APTO-2-METHYL-4,6-DIAMINOBENZENE DIHYDROCHLORIDE-TEREPHTHALI
C ACID COPOLYMER/CN

=> E diinositol phosphate

E1 1 DIINOSITE/BI
E2 1 DIINOSITOL/BI
E3 0 --> DIINOSITOL PHOSPHATE/BI
E4 1 DIINOSITOLPHOSPHOR/BI
E5 1 DIINOSITOLPHOSPHORYL/BI
E6 1 DIINOSITOLPHOSPHORYLCERAMIDE/BI
E7 1 DIINSINI/BI
E8 2 DIINSININ/BI
E9 1 DIINSININOL/BI
E10 1 DIINSININON/BI
E11 1 DIINSININONE/BI
E12 1 DIINYL/BI

=> SEL CHEM S1-S4

L5 HAS NO ANSWERS

An L-number has no answers for one of five reasons:

1. It is a query that has not been searched, or
2. It is the result of a search with zero answers, or
3. It is an intermediate result of the ACTIVATE command, or
4. It is an intermediate result in SEARCH STEPS, or
5. It is an L-number created by the RUN command

=> SEL CHEM 11-14

L1-L4 IS NOT A VALID L-NUMBER

The L-number entered is not in the range of valid L-numbers.

=> SEL CHEM L1, L2, L3, L4

MULTIPLE L-NUMBERS SPECIFIED

Only one L-number may be specified on this command.

=> S L1 or L2 or L3 or L4
L6 4 L1 OR L2 OR L3 OR L4

=> D L6 1 FCN

L6 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN
CN Propanamide, 3-hydroxy-2-(α -D-mannopyranosyloxy)-, (2R)- (CA INDEX
NAME)

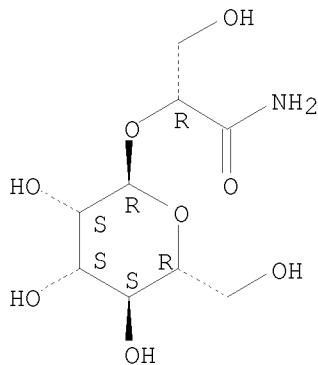
OTHER NAMES:
CN Firoin A

=> D L6

L6 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN
RN 240417-63-4 REGISTRY
ED Entered STN: 21 Sep 1999
CN Propanamide, 3-hydroxy-2-(α -D-mannopyranosyloxy)-, (2R)- (CA INDEX
NAME)

OTHER NAMES:
CN Firoin A
FS STEREOSEARCH
MF C9 H17 N O8
SR CA
LC STN Files: CA, CAPLUS, CHEMCATS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1907 TO DATE)
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> S L1
L7 1 ECTOINE/CN

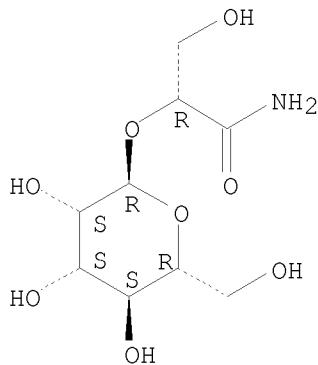
=> S (l1 or L2 or L3 or L4)
L8 4 (L1 OR L2 OR L3 OR L4)

=> D L8

L8 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN
RN 240417-63-4 REGISTRY
ED Entered STN: 21 Sep 1999
CN Propanamide, 3-hydroxy-2-(α -D-mannopyranosyloxy)-, (2R)- (CA INDEX

NAME)
OTHER NAMES:
CN Firoin A
FS STEREOSEARCH
MF C9 H17 N 08
SR CA
LC STN Files: CA, CAPLUS, CHEMCATS, TOXCENTER, USPATFULL

Absolute stereochemistry.



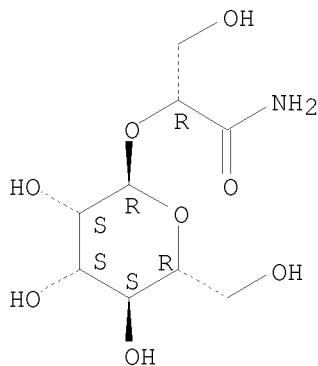
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1907 TO DATE)
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D 1-4 L8

L8 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN
RN 240417-63-4 REGISTRY
ED Entered STN: 21 Sep 1999
CN Propanamide, 3-hydroxy-2-(α -D-mannopyranosyloxy)-, (2R)- (CA INDEX
NAME)
OTHER NAMES:
CN Firoin A
FS STEREOSEARCH
MF C9 H17 N 08
SR CA
LC STN Files: CA, CAPLUS, CHEMCATS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1907 TO DATE)
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN
RN 165542-15-4 REGISTRY
ED Entered STN: 01 Aug 1995
CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-5-hydroxy-2-methyl-, (4S,5S)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-5-hydroxy-2-methyl-, [S-(R*,R*)]-

OTHER NAMES:

CN (S,S)- β -Hydroxyectoine

CN (S,S)-1,4,5,6-tetrahydro-5-hydroxy-2-methyl-4-pyrimidinecarboxylic acid

CN β -Hydroxyectoine

CN Hydroxyectoin

CN Pyrostatin A

CN Pyrostatine A

FS STEREOSEARCH

DR 162763-50-0

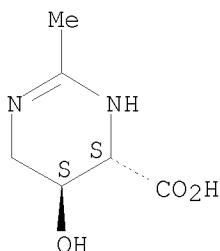
MF C6 H10 N2 O3

CI COM

SR CA

LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

35 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
35 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN
RN 164324-35-0 REGISTRY
ED Entered STN: 04 Jul 1995
CN Propanoic acid, 3-hydroxy-2-(β -D-mannopyranosyloxy)-, (2R)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propanoic acid, 3-hydroxy-2-(β -D-mannopyranosyloxy)-, (R)-

OTHER NAMES:

CN Firoin

FS STEREOSEARCH

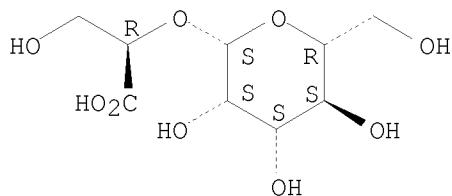
MF C9 H16 O9

CI COM

SR CA

LC STN Files: AGRICOLA, CA, CAPLUS, CHEMCATS, CSCHEM, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

22 REFERENCES IN FILE CA (1907 TO DATE)
22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN

RN 96702-03-3 REGISTRY

ED Entered STN: 09 Jun 1985

CN 4-Pyrimidinecarboxylic acid, 3,4,5,6-tetrahydro-2-methyl-, (4S)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-2-methyl-, (4S)- (9CI)

CN 4-Pyrimidinecarboxylic acid, 1,4,5,6-tetrahydro-2-methyl-, (S)-

OTHER NAMES:

CN Ectoin

CN Ectoine

CN NSC 614616

CN Pyrostatin B

CN Pyrostatine B

CN RonaCare

FS STEREOSEARCH

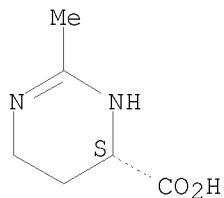
DR 162763-51-1, 134522-10-4

MF C6 H10 N2 O2

CI COM

LC STN Files: AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE, IPA, MEDLINE, NAPRALERT, PROMT, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

297 REFERENCES IN FILE CA (1907 TO DATE)

19 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
297 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> SEL CHEM L8
E1 THROUGH E21 ASSIGNED

=> D SEL

E1	1	B-HYDROXYECTOINE/BI
E2	1	(S,S)-B-HYDROXYECTOINE/BI
E3	1	(S,S)-1,4,5,6-TETRAHYDRO-5-HYDROXY-2-METHYL-4-PYRIMIDINECARBOXYLIC ACID/BI
E4	1	ECTOIN/BI
E5	1	ECTOINE/BI
E6	1	FIROIN A/BI
E7	1	FIROIN/BI
E8	1	HYDROXYECTOIN/BI
E9	1	NSC 614616/BI
E10	1	PYROSTATIN A/BI
E11	1	PYROSTATIN B/BI
E12	1	PYROSTATINE A/BI
E13	1	PYROSTATINE B/BI
E14	1	RONACARE/BI
E15	1	134522-10-4/BI
E16	1	162763-50-0/BI
E17	1	162763-51-1/BI
E18	1	164324-35-0/BI
E19	1	165542-15-4/BI
E20	1	240417-63-4/BI
E21	1	96702-03-3/BI

=> FILE CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	64.16	64.58

FILE 'CAPLUS' ENTERED AT 18:28:03 ON 30 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Oct 2008 VOL 149 ISS 18
FILE LAST UPDATED: 29 Oct 2008 (20081029/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

=> S (E1 or E2 or E3 or E4 or E5 or E6 or E7 or E8 or E9 or E10 or E11 or E12 or E13 or E14 or E15 or E16 or E17 or E18 or E19 or E20 or E21) and (neurodermatitis or eczema or (atopic dermatitis))

1567062 BETA/BI
239 BETAS/BI
1567133 BETA/BI
((BETA OR BETAS)/BI)
69 HYDROXYECTOINE/BI
7 B-HYDROXYECTOINE/BI
((BETA(W)HYDROXYECTOINE)/BI)
3221183 "S"/BI
3221183 "S"/BI
1567062 "BETA"/BI
239 "BETAS"/BI
1567133 "BETA"/BI
((("BETA" OR "BETAS")/BI)
69 "HYDROXYECTOINE"/BI
3 "(S,S)-B-HYDROXYECTOINE"/BI
((("S"(W)"S"(W)"BETA"(W)"HYDROXYECTOINE")/BI)
3221183 "S"/BI
3221183 "S"/BI
9865974 "1"/BI
5999136 "4"/BI
6837846 "5"/BI
4181726 "6"/BI
75483 "TETRAHYDRO"/BI
2 "TETRAHYDROS"/BI
75485 "TETRAHYDRO"/BI
((("TETRAHYDRO" OR "TETRAHYDROS")/BI)
6837846 "5"/BI
477948 "HYDROXY"/BI
12 "HYDROXIES"/BI
477959 "HYDROXY"/BI
((("HYDROXY" OR "HYDROXIES")/BI)
9812817 "2"/BI
1074393 "METHYL"/BI
718 "METHYLS"/BI
1074826 "METHYL"/BI
((("METHYL" OR "METHYLS")/BI)
983520 "ME"/BI
11350 "MES"/BI
990774 "ME"/BI
((("ME" OR "MES")/BI)
1706923 "METHYL"/BI
((("METHYL" OR "ME")/BI)
5999136 "4"/BI
976 "PYRIMIDINECARBOXYLIC"/BI
4699807 "ACID"/BI
1658495 "ACIDS"/BI
5219064 "ACID"/BI
((("ACID" OR "ACIDS")/BI)
3 "(S,S)-1,4,5,6-TETRAHYDRO-5-HYDROXY-2-METHYL-4-PYRIMIDINECARBOXYLIC ACID"/BI
((("S"(W)"S"(W)"1"(W)"4"(W)"5"(W)"6"(W)"TETRAHYDRO"(W)"5"(W)"HYDROXY"(W)"2"(W)"METHYL"(W)"4"(W)"PYRIMIDINECARBOXYLIC"(W)"ACID")/BI)
86 ECTOIN/BI
7 ECTOINS/BI
88 ECTOIN/BI
((ECTOIN OR ECTOINS)/BI)

284 ECTOINE/BI
25 ECTOINES/BI
292 ECTOINE/BI
 ((ECTOINE OR ECTOINES)/BI)
10 "FIROIN"/BI
1 "FIROINS"/BI
10 "FIROIN"/BI
 (("FIROIN" OR "FIROINS")/BI)
22682959 "A"/BI
9 "FIROIN A"/BI
 (("FIROIN" (W) "A")/BI)
10 FIROIN/BI
1 FIROINS/BI
10 FIROIN/BI
 ((FIROIN OR FIROINS)/BI)
14 HYDROXYECTOIN/BI
4342 "NSC"/BI
852 "NSCS"/BI
4883 "NSC"/BI
 (("NSC" OR "NSCS")/BI)
0 "614616"/BI
0 "NSC 614616"/BI
 (("NSC" (W) "614616")/BI)
4 "PYROSTATIN"/BI
3 "PYROSTATINS"/BI
4 "PYROSTATIN"/BI
 (("PYROSTATIN" OR "PYROSTATINS")/BI)
22682959 "A"/BI
4 "PYROSTATIN A"/BI
 (("PYROSTATIN" (W) "A")/BI)
4 "PYROSTATIN"/BI
3 "PYROSTATINS"/BI
4 "PYROSTATIN"/BI
 (("PYROSTATIN" OR "PYROSTATINS")/BI)
1824429 "B"/BI
4 "PYROSTATIN B"/BI
 (("PYROSTATIN" (W) "B")/BI)
0 "PYROSTATINE"/BI
22682959 "A"/BI
0 "PYROSTATINE A"/BI
 (("PYROSTATINE" (W) "A")/BI)
0 "PYROSTATINE"/BI
1824429 "B"/BI
0 "PYROSTATINE B"/BI
 (("PYROSTATINE" (W) "B")/BI)
9 RONACARE/BI
0 134522-10-4/BI
0 162763-50-0/BI
0 162763-51-1/BI
22 164324-35-0/BI
35 165542-15-4/BI
16 240417-63-4/BI
297 96702-03-3/BI
473 NEURODERMATITIS
5710 ECZEMA
160 ECZEMAS
5778 ECZEMA
 (ECZEMA OR ECZEMAS)
11837 ATOPIC
170 ATOPICS
11881 ATOPIC
 (ATOPIC OR ATOPICS)

21739 DERMATITIS
 9 DERMATITISES
 21741 DERMATITIS
 (DERMATITIS OR DERMATITISES)
 5225 ATOPIC DERMATITIS
 (ATOPIC(W) DERMATITIS)
 L9 5 (B-HYDROXYECTOINE/BI OR "(S,S)-B-HYDROXYECTOINE"/BI
 OR "(S,S)-1,4,5,6-TETRAHYDRO-5-HYDROXY-2-METHYL-4-PYRIMIDINECARB
 OXYLIC ACID"/BI OR ECTOIN/BI OR ECTOINE/BI OR "FIROIN A"/BI OR
 FIROIN/BI OR HYDROXYECTOIN/BI OR "NSC 614616"/BI OR "PYROSTATIN
 A"/BI OR "PYROSTATIN B"/BI OR "PYROSTATINE A"/BI OR "PYROSTATINE
 B"/BI OR RONACARE/BI OR 134522-10-4/BI OR 162763-50-0/BI OR
 162763-51-1/BI OR 164324-35-0/BI OR 165542-15-4/BI OR 240417-63-
 4/BI OR 96702-03-3/BI) AND (NEURODERMATITIS OR ECZEMA OR (ATOPIC
 DERMATITIS))

=> D 1-9 ABS IBIB

L9 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

AB The invention concerns pharmaceutical compns. for the treatment of skin diseases that contain a combination of (a) ectoin and/or at least one ectoin derivative; (b) urea and/or at least one urea derivative; and/or (c) ingredients of Hypericum perforatum L. Panthenol can be added. Ointments, creams, pastes, gels, lotions are prepared. Thus a composition contained (weight/weight%): Med-Ectoin (highly purified from extremophilic bacteria) 5.0; allantoin 0.3; dexpanthenol 2.0; water 56.0; base cream to 100.

ACCESSION NUMBER: 2008:636880 CAPLUS

DOCUMENT NUMBER: 148:569014

TITLE: Compositions for topical treatment of skin diseases containing ectoin, urea or their derivs. and St.-John's-wort extract

PATENT ASSIGNEE(S): Maria Clementine Martin Klosterfrau
Vertriebsgesellschaft Mbh, Germany

SOURCE: Ger. Gebrauchsmusterschrift, 16pp.
CODEN: GGXXFR

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

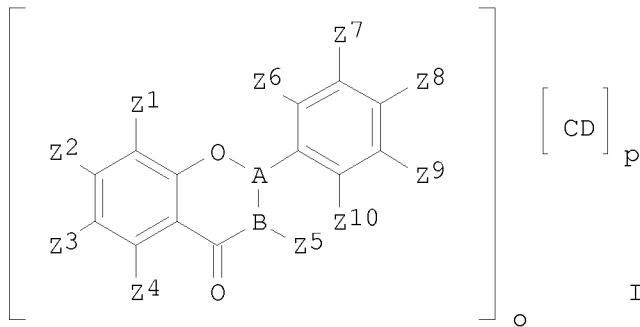
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 202007004981	U1	20080529	DE 2007-202007004981	20070404
DE 102007013857	A1	20080925	DE 2007-102007013857	20070320
WO 2008113400	A1	20080925	WO 2007-EP10791	20071211
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: DE 2007-102007013857IA 20070320

L9 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

GI



AB The invention relates to complexes of specific flavonoid derivs. of formula (I), to prepns. containing derivs. of this type, to corresponding methods for producing the flavonoid derivs. or prepns. containing the latter and to their use, in particular for the care, preservation or improvement of the general condition of the skin or hair. In formula (I): Z1 to Z4 and Z6 to Z10 represent independently of one another H, OH, CH₃COO, alkoxy, hydroxyalkoxy, monoglycoside or oligoglycoside groups, whereby the alkoxy and hydroxyalkoxy groups can be branched or unbranched and can have between 1 and 18 C atoms; A-B represents 2 carbons joined by either a single or double bond; and Z5 represents a monoglycoside or oligoglycoside group, whereby at least one group, selected from specific benzo derivs., is bonded to said glycoside group by means of a resp. -O- group.

ACCESSION NUMBER: 2005:673311 CAPLUS

DOCUMENT NUMBER: 143:158763

TITLE: Flavonoid complexes comprising cyclodextrins

INVENTOR(S): Wirth, Corinna; Rosskopf, Ralf; Buchholz, Herwig

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 118 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005068484	A1	20050728	WO 2004-EP14729	20041227
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004002787	A1	20050811	DE 2004-102004002787	20040119
EP 1718658	A1	20061108	EP 2004-804319	20041227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1906204	A	20070131	CN 2004-80040675	20041227

JP 2007518750	T	20070712	JP 2006-549918	20041227
US 20070155695	A1	20070705	US 2006-586458	20060718
PRIORITY APPLN. INFO.:			DE 2004-102004002787A	20040119
			WO 2004-EP14729	W 20041227
OTHER SOURCE(S):		MARPAT 143:158763		
REFERENCE COUNT:		3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L9 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to compds. that are selected from the compds. of formulas I [R1, R2 = H, C(:O)R7, C(:O)OR7, (un)branched C1-20-alkyl, C3-20-alkenyl, C1-20-hydroxyalkyl (primary or secondary OH), C3-10-cycloalkyl, C3-12-cycloalkenyl; R3 = H, (un)branched C1-20-alkyl; R4 = H, OR8; R5, R6 = H, OH, (un)branched C1-20-alkyl, C3-20-alkenyl, C1-20-hydroxyalkyl; R7 = H, (un)branched C1-20-alkyl, polyhydroxy compd, (e.g., ascorbic acid, glycoside); R8 = H, (un)branched C1-20-alkyl] II and III, and to their production and use in cosmetic and dermatol. products. Thus, L-ascorb-6-yl 5,7-dihydroxy-4-oxo-4H-chromen-2-carboxylate (IV) was prepared from 2,4,6-trihydroxyacetophenone via cyclocondensation with EtO2CCOCl in pyridine containing catalytic DMAP, saponification with Na2CO3 in EtOH,

and esterification with (+)-L-ascorbic acid in the presence of H2SO4.

Examples of dermatol. formulations containing IV are presented.

ACCESSION NUMBER: 2005:182648 CAPLUS
DOCUMENT NUMBER: 142:280056
TITLE: Preparation of chromen-4-one derivatives for use in cosmetic and dermatological products
INVENTOR(S): Carola, Christophe; Buchholz, Herwig
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
SOURCE: PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005019197	A1	20050303	WO 2004-EP8043	20040719
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10337862	A1	20050317	DE 2003-10337862	20030818
EP 1656364	A1	20060517	EP 2004-741136	20040719
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1835940	A	20060920	CN 2004-80023579	20040719

JP 2007502787	T	20070215	JP 2006-523547	20040719
US 20060292093	A1	20061228	US 2006-568385	20060215
PRIORITY APPLN. INFO.:			DE 2003-10337862	A 20030818
			WO 2004-EP8043	W 20040719
OTHER SOURCE(S):	CASREACT 142:280056; MARPAT 142:280056			
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L9 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
 AB The invention concerns the synthesis of chromene-4-one derivs. and their application in cosmetic and dermatol. compns. for protecting and treating skin and hair. Thus 5,7-diacetoxy-3-acetyl-2-methyl-chromene-4-one was prepared from 2,4,6-trihydroxyacetophenone and sodium acetate in acetic acid anhydride; the product was boiled with sodium carbonate to obtain 5,7-dihydroxy-2-methyl-chromene-4-one. The antiinflammatory activity of 5,7-dihydroxy-2-methyl-chromene-4-one was tested with the PGE2 assay. A W/O emulsion contained (weight/weight%): 5,7-dihydroxy-2-methyl-chromene-4-one 5; UV-pearl, OMC 30; polyglyceryl-3-dimerate 3; Cera alba 0.3; hydrogenated castor oil 0.2; liquid paraffin 7; caprylic/capric triglyceride 7; hexyl laurate 4; PVP/eicosene copolymer 2; propylene glycol 4; magnesium sulfate 0.6; tocopherol 0.5; cyclomethicone 0.5; propylparaben 0.05; methylparaben 0.15; water to 100.

ACCESSION NUMBER: 2005:155392 CAPLUS

DOCUMENT NUMBER: 142:225267

TITLE: Synthesis and use of chromene-4-one derivatives for the care of skin and hair

INVENTOR(S): Carola, Christophe; Huber, Sylvia; Rosskopf, Ralf; Buchholz, Herwig

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: Eur. Pat. Appl., 42 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1508327	A1	20050223	EP 2004-15739	20040705
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
DE 10337863	A1	20050317	DE 2003-10337863	20030818
JP 2005060398	A	20050310	JP 2004-236984	20040817
US 20050043398	A1	20050224	US 2004-920202	20040818
WO 2008025368	A1	20080306	WO 2006-EP8474	20060830
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 20080027133	A1	20080131	US 2007-869192	20071009
PRIORITY APPLN. INFO.:			DE 2003-10337863	A 20030818
			US 2004-920202	A1 20040818
OTHER SOURCE(S):	MARPAT 142:225267			
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS		

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
AB The invention relates to the use of osmolytes, in particular ectoine and hydroxyectoine, in addition to their pharmacol. compatible salts and/or derivs. with a similar action, for producing dermatol. preps. such as tinctures, lotions, O/W emulsions, W/O emulsions, creams, ointments, hydrogels or sprays for the topical prophylaxis, care and/or treatment of neurodermatitis. Thus a W/O emulsion contained (weight/weight%): water 85; ectoin 1.0; fatty base 10.3; polyalcs. 3.2; thickening agents 0.3; preservatives 0.2.
ACCESSION NUMBER: 2005:29203 CAPLUS
DOCUMENT NUMBER: 142:141233
TITLE: Use of osmolytes obtained from extremophilic bacteria for producing medicaments for the external treatment of neurodermatitis
INVENTOR(S): Krutmann, Jean
PATENT ASSIGNEE(S): Bitop Aktiengesellschaft fuer Biotechnische Optimierung, Germany
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005002581	A1	20050113	WO 2004-EP7134	20040701
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10330243	A1	20050120	DE 2003-10330243	20030703
EP 1641459	A1	20060405	EP 2004-740505	20040701
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
US 20070122464	A1	20070531	US 2005-563586	20051230
PRIORITY APPLN. INFO.:			DE 2003-10330243	A 20030703
			WO 2004-EP7134	W 20040701
REFERENCE COUNT:	11	THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

=> END

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY SESSION

FULL ESTIMATED COST

118.71 183.29

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY SESSION

CA SUBSCRIBER PRICE

-4.00 -4.00

STN INTERNATIONAL LOGOFF AT 18:31:15 ON 30 OCT 2008